Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (**Currently Amended**) A system for statistically processing messages comprising:

a message compiler for compiling upstream and downstream messages of a network controller;

a database for storing data;

a message storage unit for storing the messages directly from the message compiler ~~in~~ to the database when an amount of the messages compiled in the message compiler reaches a predetermined level;

a statistical function handler for performing statistical processes on the messages stored in the database according to pre-determined functions and according to a pre-determined structure in main memory, wherein the messages are retrieved from the database using a Structured Query Language (SQL); and

a statistical result value storage unit for converting the results from the statistical processes performed by the statistical function handler into a file of a predetermined format, then storing the file as a target table in the database, wherein the file is accessible from a web browser; and

wherein the statistical function handler is further configured to perform a second set of statistical functions on the retrieved subsets of messages in the file.

2. (Previously Presented) The system of claim 1 wherein the file of a predetermined format is a structural document format of an extensible markup language (XML) file.

3. (Previously Presented) The system of claim 1 further comprising a random access main memory in which results of the statistical processes performed by the statistical function handler are stored.

4. (Previously Presented) The system of claim 1 wherein the message storage unit, if the amount of messages compiled in the message compiler reaches the predetermined level, divides the compiled messages into downstream and upstream messages and performs storage by converting them into a database format according to the division.

5. (Previously Presented) The system of claim 2 further comprising a file system for storing the XML file generated in the statistical result value storage unit.

6. (Previously Presented) The system of claim 5 further comprising:

an input unit for receiving user input;

an administrator interface enabling monitoring of the target table stored in the database and the XML file stored in the file system according to user input; and

a reference unit for executing data of the target table stored in the database to allow monitoring by the user.

7. (**Currently Amended**) A method for statistically processing messages transmitted and received between a Headend, including a network controller for controlling network paths, for providing cable broadcasting and a receiver connected to the Headend through a cable network, the method comprising:

receiving statistical functions to perform on network message traffic;

compiling messages transmitted and received through the network controller, separating the compiled messages into downstream and upstream messages, and storing the messages directly into a first database according to the divided items;

retrieving subsets of the stored messages using a Structured Query Language (SQL) from the first database, wherein the subsets are the messages necessary to compute the received statistical ~~functions~~ functions, and computing the received statistical functions on the retrieved subsets, and storing the results of the statistical functions and the subsets of messages including column name and column type information in a random-access memory;

generating a file in a structural document format from the stored results of the statistical functions and the subsets of messages in the random-access memory, wherein the file includes the column name and column type information for the statistical results and the subsets of messages;

storing the file in a second database based on the statistical functions;

retrieving the file from the second database based on the statistical functions;

remotely viewing the file including results of the statistical functions and the subsets of messages from a web browser using a definition file for a viewpoint; and

performing a second set of statistical functions on the retrieved subsets of messages in the file.

8. (Previously Presented) The method of claim 7 further comprising monitoring an XML file of the generated structural document format to check statistical results.

9. (Previously Presented) The method of claim 7 further comprising using a predetermined program to monitor statistical results.

10. (Previously Presented) The method of claim 7 wherein the structural document format is an XML file structure.

11. (Previously Presented) The method of claim 7, wherein the viewing further comprises viewing using a XSL definition file.